Matthew Fagundes

From: Peterson, Robert <Robert.Peterson@cpuc.ca.gov>
Sent: Wednesday, July 18, 2018 10:06 AM
To: Jack Horne; Matthew Fagundes
Cc: Paul Mccabe; Michael Bass; Bernice Goldsmith; Michael Manka; aram@kevalaanalytics.com; Cassandra Quaintance; Maier, Lonn; Reiger, J. Jason
Subject: Circle City Data Request 17: 10-year forecast updates (2018–2027 planning horizon)

Hi Jack,

We have the following data request.

Complete Response Due: **July 30th, 2018**

Instructions for the following two requests: Define the forecast methodology applied, i.e., 1-in-10 heat storm, peak demand planning standard or otherwise. If other than a 1-in-10 heat storm, peak demand methodology, provide a second table for each request that applies a 1-in-10 standard. Include all embedded formulas in the Excel files provided. All calculated cells in the models must be live with the original and fully operational functions used to perform each calculation for the forecast data provided. There must be no password protection covering any aspect of the Excel files. Clearly define the phrase "Reserve (Maximum Operating Limit—Extreme Heat)" for each table provided (and each standard applied) and provide the historical temperatures and forecast "extreme heat" temperatures for each year (2012 through 2027).

Request 1: Provide an updated version of Draft EIR Table 1-1, *ENA Substation Capacity and Peak Demand by Year, Historic Data and Forecasts*, in Excel format that includes all of the data in Draft EIR Table 1-1 plus the recorded peak load for 2017 and updated forecast data through 2027.

Request 2: Using the same format and timelines as the updated Table 1-1 provided per Request 1, provide in Excel format a new Table 1-2 specific to the need for the Proposed Mira Loma–Jefferson 66-kV Line. Table 1-2 must identify the forecast dates and estimated overload amounts due to the N-1 contingency that would cause the Mira Loma–Corona–Jefferson 66-kV Line to exceed its operating limit. Include rows for the abnormal system configuration forecast and normal condition forecast described in the Draft EIR (p. 1-4). Clearly define both of these conditions. Include in the table historical data from 2012 through 2017, forecast data through 2027, normal and extreme heat peak demand data, maximum operating limit and reserve extreme-heat maximum operating limit, and percent utilization data for each condition type included in the table.

Regards,
Rob

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